CLAIMS

We claim:

3	1B 1 A23/	1.\ A method for publishing a catalog, comprising the steps
	2	of:
	3	receiving from a supplier via EDI a flat file catalog;
	4	loading said catalog into a DB2 staging table;
	5	allowing buyer audit control over selected fields in
	6	the staging table catalog while restricting buyer
	7	access to other fields;
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	8	updating a DB2\production table from said DB2 staging
	9	table; and
	10	allowing a user read access to said DB2 production
	11	table.

1	$\stackrel{\lambda}{\sim}$ A requisition catalog administration method for
2	providing control, audit, and publishing procedures for flat
3	files received from suppliers, comprising the steps of:
4	receiving a catalog flat file from a supplier;
5	converting said flat file into a staging table having
6	access control list controls over fields within said
7	staging table;
8	controlling through a graphical user interface edit
9	access authority to said staging table and through said
10	access control list access to fields within said
11	staging table;
12	responsive to input from a buyer granted access control
13	list access to selected field in said staging table,
14	updating said selected fields; and
15	responsive to buyer command, updating a production
16	catalog with said staging table for read access by
17	users in creating requisitions against said catalog.

System for building and using a web catalog,
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2	,	comprising:
3		a supplier catalog flat file for storing catalog items
4		in an enterprise defined format;
5		a database including a staging table and a production
6		table;
7		an application server for receiving, converting and
8		storing said flat file to said staging table;
9		an administration function;
10		a catalog administration procedure for presenting said
11		staging table to said catalog administration function
12		in a graphical user interface with fields of said
13		staging table selectively enabled or disabled for
14		auditing in accordance with the role and authority of a
15		user of said administration function; and for
16		publishing an administration audited catalog to said
17		production table;
18		a requisition creation function operable by a user for
19		creating a requisition with reference to said
20		production table; and
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- 21 a web catalog function for presenting said production 22 table to said requisition creation function.
 - 1 4. The system of claim 3, said flat file comprising
- 2 catalog items stored in a column delimited format.
- 1 5. The system of claim 3, further comprising EDI means for
- 2 transferring said flat file through a firewall to said
- 3 application server.
- 1 6. The system of claim 3, said graphical user interface
- 2 comprising a process which loads a requisition catalog from
- 3 a supplier into a production system.
- 1 7. The system of claim 3, said catalog administration
- 2 function comprising hard coded access controls on the fields
- 3 in said catalog.
- 1 8. Method for managing an enterprise requisition catalog,
- 2 comprising:

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3	extracting and reformatting supplier source data to
4	create a catalog flat file in an enterprise specified
5	column delimited format;
6	transmitting said flat file to an enterprise system;
7	accepting said flat file into an enterprise EDI
8	mailbox;
9	reformatting, validating and storing catalog data from
10	said flat file into a into a staging table, with
11	catalog indicia into a catalog staging file and catalog
12	parts indicia into a product staging file, and alerting
13	a buyer;
14	presenting a graphical user interface to said buyer
15	containing said catalog data and enabling said buyer to
16	change selected fields of data in said staging table;
17	and
18	responsive to buyer approval, migrating said staging
19	table data into a production table access by a user in

creating a requisition against said catalog.

1 The method of claim 8, further comprising the steps of: 2 responsive to said validating step determining an error 3 in said flat file format or data, or responsive to said 4 buyer non approving said data in said staging table, 5 sending a reject message to said supplier. The method of claim 8, said fields of data in said 1 10. 2 staging table being selected for change based upon the level of authority granted by a role table to said buyer's web 3 identifier. 4 A program storage device readable by a machine, 1 2 tangibly embodying a program of instructions executable by a machine to perform method steps \for publishing a catalog, 3 4 said method steps comprising: receiving from a supplier via EDV a flat file catalog; 5 loading said catalog into a DB2 staging table; 6 7 allowing buyer audit control over selected fields in 8 the staging table catalog while restricting buyer

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9	access to other fields;
10	updating a DB2 production table from said DB2 staging
11	table; and
12	allowing a user read access to said DB2 production
13	table.
1	12. A program storage device readable by a machine,
2	tangibly embodying a program of instructions executable by a
3	machine to perform method steps for providing control,
4	audit, and publishing procedures for flat files received
5	from suppliers, said method steps comprising:
6	receiving a catalog flat file from a supplier;
7	converting said flat file into a staging table having
8	access control list controls over fields within said
9	staging table;
10	controlling through a graphical user interface edit
11	access authority to said staging table and through said
12	access control list access to fields within said
13	staging table;
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14	<u> </u>	responsive to input from a buyer granted access control
15		list access to selected field in said staging table,
16	\1	updating said selected fields; and
	\	
17	:	responsive to buyer command, updating a production
18	•	catalog with said staging table for read access by
19	1	users in creating requisitions against said catalog.
1	13.	A program storage device readable by a machine,
2	tangil	bly embodying a program of instructions executable by a
3	machi	ne to perform method steps for managing an enterprise
4	requis	sition catalog, said method steps comprising:
5	•	extracting and reformatting supplier source data to
6	(create a catalog flat file in an enterprise specified
7	(column delimited format;
8	1	transmitting said flat file to an enterprise system;
9	ā	accepting said flat file into an enterprise EDI
10	I	mailbox;
11	1	reformatting, validating and storing catalog data from
12	5	said flat file into a into a staging table, with
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13	igg angle catalog indicia into a catalog staging file and catalog
14	parts indicia into a product staging file, and alerting
15	a buyer;
16	presenting a graphical user interface to said buyer
17	containing said catalog data and enabling said buyer to
18	change selected fields of data in said staging table;
19	and
20	responsive to buyer approval, migrating said staging
21	table data into a production table access by a user in
22	creating a requisition against said catalog.
1	14. A computer program product or computer program element
2	for executing steps for providing control, audit, and
3	publishing procedures for flat files received from suppliers
4	by an enterprise requisition catalog system, said steps
5	comprising:
6	receiving a catalog flat file from a supplier;
7	converting said flat file into a staging table having
8	access control list controls over fields within said
9	staging table;

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10	controlling through a graphical user interface edit
11	access authority to said staging table and through said
12	access control list access to fields within said
13	staging table;
14	responsive to input from a buyer granted access control
15	list access to selected field in said staging table,
16	updating said selected fields; and
17	responsive to buyer command, updating a production
18	catalog with said staging table for read access by
19	users in creating requisitions against said catalog.